



|       |          |                      |
|-------|----------|----------------------|
| Class | Subclass | Issue Classification |
|       |          |                      |

PATENT NUMBER

6170281



6170281

## U.S. UTILITY PATENT APPLICATION

|                 |                            |                            |
|-----------------|----------------------------|----------------------------|
| 1/11<br>SCANNED | O.I.P.E.<br>J.T. G.A. KLOI | PATENT DATE<br>JAN 09 2001 |
|-----------------|----------------------------|----------------------------|

|      |             |               |                 |               |
|------|-------------|---------------|-----------------|---------------|
| CTOR | CLASS<br>26 | SUBCLASS<br>1 | ART UNIT<br>374 | EXAMINER<br>J |
|------|-------------|---------------|-----------------|---------------|

FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

## PREPARED AND APPROVED FOR ISSUE

## ISSUING CLASSIFICATION

| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |  |  |  |  |
|------------------------------|----------|--------------------|-----------------------------------|--|--|--|--|
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |
| 62                           | 254.1    | 312                | 236                               |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |          |                    |                                   |  |  |  |  |
| 25D                          | 23/12    |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|   |   |                   |                   |                                   |                           |
|---|---|-------------------|-------------------|-----------------------------------|---------------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>   | <b>DRAWINGS</b>   |                   |                   | <b>CLAIMS ALLOWED</b>             |                           |
|   | Sheets Drwg.<br>5   | Figs. Drwg.<br>20 | Print Fig.<br>11A | Total Claims<br>2                 | Print Claim for O.G.<br>1 |
| e) The term of this patent subsequent to _____ (date) has been disclaimed.                      | Chen Wen Jiang 3/14/00<br>(Assistant Examiner) (Date)                                   |                   |                   | <b>NOTICE OF ALLOWANCE MAILED</b> |                           |
|   | Henry Bennett<br>Supervisory Patent Examiner<br>Group 3700<br>(Primary Examiner) (Date) |                   |                   | 3/22/00                           |                           |
| b) The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____ |   |                   |                   | <b>ISSUE FEE</b>                  |                           |
|   |   |                   |                   | Amount Due<br>\$160.00            | Date Paid<br>3/14/00      |
| c) The terminal _____ months of this patent have been disclaimed.                               |   |                   |                   | <b>ISSUE BATCH NUMBER</b>         |                           |
|   | (Legal Instruments Examiner) (Date)   |                   |                   | 594                               |                           |

## WARNING:

Information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Information outside the U.S. Patent &amp; Trademark Office is restricted to authorized employees and contractors only.

PTO-436A  
(6/98)

(LABEL AREA)

Issue Fee In File

(FACE)